INDEX BY AUTHOR

	Issue No.	Page
Adams, W.M., *see* Shettigara, V.K.		
Aldridge, D.F. and Oldenburg, D.W. Direct current electrical potential field associated with two spherical conductors in a whole-space	3	311
AlMossawi, H.I.H. Seismic modelling: high frequency range (Erratum)	4	454
Alikaj, P., *see* Langore, L.		
Aminzadeh, F. Application of elastic modelling in processing and interpretation of VSP data: a case history	8	893
Anderson, R.G. and McMechan, G.A. Automatic editing of noisy seismic data	8	875
Annan, A.P., *see* Davis, J.L.		
Baeten, G.J.M., Fokkema, J.T. and Ziolkowski, A.M. Seismic vibrator modelling (Errata)	8	993
Bailey, R.C., *see* Groom, R.W.		
Baria, R., Jackson, P.D. and McCann, D. M. Further development of a high-frequency source for use in boreholes	1	31
Barker, R.D. Comment on "Examination of sounding curve extrapolation used by the Offset Wenner system" by P. A. White and D. M. Scott	1	107
Behle, A., *see* Kosloff, D.		
Benson, A.K. Residual depth-migration: enhancing dips	7	771
Berkhout, A.J., *see* Blacquière, G.; *see also* Kinneging, N.A.		
Blacquière, G., Debeye, H.W.J., Wapenaar, C.P.A. and Berkhout, A.J. 3D table-driven migration	8	925
Bruland, L., *see* Naess, O.E.		
Budejicky, V., *see* Kinneging, N.A.		
Cafforio, C., *see* Rocca, F.		
Carlini, A. and Mazzotti, A. Optimized receiver array simulation based upon resolution constraints	6	607
Casten, U. and Gram, Chr. Recent developments in underground gravity surveys	1	73
Chang, W.-F. and McMechan, G.A. 3D acoustic reverse-time migration	3	243
Cheesman, S.J. and Edwards, R.N. Current channelling in square plates with applications to manetometric resistivity	5	553
Covey, J.D., Hron, F. and Peacock, K.L. On the role of partial ray expansion in the computation of ray synthetic seismograms for layered structures	8	907
Crampin, S. Suggestions for a consistent terminology for seismic anisotropy	7	753
Dahl-Jensen, T. Static corrections on crystalline rocks	5	467
Darboux-Afouda, R. and Louis, P. Contribution des mesures de l'anisotropie électrique à la recherche des aquifères de fracture en milieu cristallin au Bénin	1	91
Davis, J.L. and Annan, A.P. Ground-penetrating radar for high-resolution mapping of soil and rock stratigraphy	5	531
Debeye, H.W.J., *see* Blacquière, G.		
Douma, J. The representability of cracked media by periodically layered media	7	831
Dresen, L., *see* Krajewski, C.		
Eaton, P.A. 3D electromagnetic inversion using integral equations	4	407
Edelmann, H.A.K., Kirchheimer, F. and Schulte, L. Decomposed vibrator patterns to improve seismic survey results	2	167
Edwards, R.N., *see* Cheesman, S.J.		

Farmer, P.A., *see* Haldorsen, J.B.U.
Filho, A.Q., *see* Kosloff, D.
Fokkema, J.T. and van den Berg, P.M. Seismic inversion by a rms Born approximation in the space–time domain 1 53
Fokkema, J.T., *see also* Baeten, G.J.M.
Fournier, C. Spontaneous potentials and resistivity surveys applied to hydrogeology in a volcanic area: case history of the Chaîne des Puys (Puy-de-Dôme, France) 6 647
Gelbke, C., *see* Krajewski, C.
Gelius, L.-J., *see* Pedersen, H.M.
Gjovreku, D., *see* Langore, L.
Gram, Chr., *see* Casten, U.
Granser, H., Meurers, B. and Steinhauser, P. Apparent density mapping and 3D gravity inversion in the Eastern Alps 3 279
Greenhalgh, S.A., *see* Pant, D.R.
Groom, R.W. and Bailey, R.C. Some effects of multiple lateral inhomogeneities in magnetotellurics 6 697
Haas, A. and Viallix, J.R. Stochastic inversion by ray continuation: application to seismic tomography 4 337
Haldorsen, J.B.U. and Farmer, P.A. Resolution and NMO-stretch: imaging by stacking 5 479
Hron, F., *see* Covey, J.D.
Israel, M., *see* Niwas, S.
Jackson, P.D., *see* Baria, R.
Jakubowicz, H. and Miller, D. Two-pass 3D migration and linearized inversion in the (**x**, *t*)-domain 2 143
Kinderlan, M., Seriani, G. and Sguazzero, P. Elastic modelling and its application to amplitude versus angle interpretation 1 3
Kinneging, N.A., Budejicky, V., Wapenaar, C.P.A. and Berkhout, A.J. Efficient 2D and 3D shot record redatuming 5 493
Kirchheimer, F., *see* Edelmann, H.A.K.
Kommedal, J.H. and Tjøstheim, B.A. Tutorial: A study of different methods of wavefield separation for application to VSP data 2 117
Kosloff, D., Filho, A.Q., Tessmer, E. and Behle, A. Numerical solution of the acoustic and elastic wave equations by a new rapid expansion method 4 383
Krajewski, C., Dresen, L., Gelbke, C. and Rüter, H. Iterative tomographic methods to locate low-velocity anomalies: a model study 7 717
Langore, L., Alikaj, P. and Gjovreku, D. Achievements in copper sulphide exploration in Albania with IP and EM methods 8 975
Larner, K., *see* Lynn, W.
Louis, P., *see* Darboux-Afouda, R.
Lynn, W. and Larner, K. Effectiveness of wide marine seismic source arrays 2 181
Mari, J.L. *Q*-log determination on downgoing wavelets and tube wave analysis in vertical seismic profiles 3 257
Martin, J.E. and White, R.E. Two methods for continuous monitoring of harmonic distortion in Vibroseis signals 7 851
Mazzotti, A., *see* Carlini, A.
McCann, D.M., *see* Baria, R.
McMechan, G.A., *see* Anderson, R.G.; *see also* Chang, W.-F.

Meissner, R., *see* Sadowiak, P.
Meurers, B., *see* Granser, H.
Miller, D., *see* Jakubowicz, H.
Næss, O.E. Model-based transformations of common midpoint gathers 7 781
Næss, O.E. and Bruland, L. Improvement of multichannel seismic data through application of the median concept 3 225
Niwas, S. and Israel, M. Matrix method for the transformation of resistivity sounding data of one electrode configuration to that of another configuration 2 209
Oldenburg, D.W., *see* Aldridge, D.F.
Olsen, K.B. A stable and flexible procedure for the inverse modelling of seismic first arrivals 5 455
Pant, D.R. and Greenhalgh, S.A. Blocking surface waves by a cut: physical seismic model results 6 589
Peacock, K.L., *see* Covey, J.D.
Pedersen, H.M., Gelius, L.-J. and Stamnes, J.J. 3D seismic modelling of edge diffractions 6 639
Pedersen, L.B. and Rasmussen, T.M. Inversion of magnetotelluric data: a non-linear least-squares approach 6 669
Prati, C., *see* Rocca, F.
Rasmussen, T.M., *see* Pedersen, L.B.
Rocca, F., Cafforio, C. and Prati, C. Synthetic aperture radar: a new application for wave equation techniques 7 809
Rüter, H., *see* Krajewski, C.
Sadowiak, P., Voss, J. and Meissner, R. 3D modelling of diffractions observed on deep reflection line DEKORP 2-S 6 623
Sasaki, Y. Sensitivity analysis of magnetotelluric measurements in relation to static effects 4 395
Schulte, L., *see* Edelmann, H.A.K.
Schwarz, E.J. and Wright, N. The detection of buried placer deposits by ground magnetic survey (Erratum) 4 454
Scott, D.M., *see* White, P.A.
Seriani, G., *see* Kindelan, M.
Sguazzero, P., *see* Kindelan, M.
Shettigara, V.K. and Adams, W.M. Detection of lateral variations in geological structures using electrical resistivity gradient profiling 3 293
Sinha, A.K. Magnetic wavetilt measurements for geological fracture mapping ... 4 427
Stamnes, J.J., *see* Pedersen, H.M.
Steinhauser, P., *see* Granser, H.
Tessmer, E., *see* Kosloff, D.
Tjøstheim, B.A., *see* Kommedal, J.H.
Ursin, B. Editorial 1 1
van den Berg, P.M., *see* Fokkema, J.T.
VerWest, B.J. Seismic migration in elliptically anisotropic media 2 149
Viallix, J.R., *see* Haas, A.
Voss, J., *see* Sadowiak, P.
Wapenaar, C.P.A., *see* Blacquière, G.; *see also* Kinneging, N.A.
White, P.A. and Scott, D.M. Reply to Comment by R. D. Barker 1 111
White, R.E., *see* Martin, J.E.

Wright, N., *see* Schwarz, E.J.
Yilmaz, Ö. Velocity-stack processing 4 357
Zeng, H. Estimation of the degree of polynomial fitted to gravity anomalies and its application 8 959
Ziolkowski, A.M. The scaling of air gun arrays, including depth dependence and interactions: a correction 5 583
Ziolkowski, A.M., *see also* Baeten, G.J.M.